

ABSTRACT

The invention comprises a method and assembly for determining the state of charge of a battery or batteries without disturbing them or removing them from their packaging, or from a device in which they are installed, or from an enclosure preventing direct physical contact with the battery terminals. The battery terminals are electrically insulated from all connections except connections to conductors extending away from the terminals. The state of charge can be determined by attaching a measuring device to the conductors. The conductors and insulators are easily removed, allowing the terminals to come into contact with a battery-powered device.